

## THE CLAIMS

What is claimed is:

1. A method for making a modified, stable industrial-baker's-yeast which comprises:

selecting a yeast having a desired property based on a recessive allele;  
diploidizing the selected yeast and selecting a homozygous mating type from the diploidized yeast;  
diploidizing an industrial baker's yeast and selecting a homozygous mating type from the diploidized industrial baker's yeast;  
mating the diploidized yeast and the diploidized industrial baker's yeast having an opposite mating type to obtain a tetraploid zygote;  
sporulating the tetraploid zygote; and  
selecting the sporulated zygote strains exhibiting the desired property to provide the modified stable industrial baker's yeast having the desired property.

2. The method of claim 1, wherein the desired property comprises at least one of increased biomass production, cell separation, or drying, during at least one of yeast dough production, storage, or baking so as to improve performance of the industrial baker's yeast.

3. The method of claim 1, wherein the desired property comprises an lti-property.

4. The method of claim 1, wherein the recessive allele includes at least one gene which comprises a catabolite repressor gene, a gene coding for neutral or acid trehalase, a gene coding for a biosynthetic enzyme, or a gene that in allelic form(s) leads to an lti-property.



15. A dough composition comprising flour, water and at least one strain of the baker's yeast of claim 6.

16. A dough composition comprising flour, water and at least one strain of the baker's yeast of claim 7.

17. A method of preparing baked dough products which comprises:  
providing the dough composition of claim 16; and  
baking the dough composition to provide one or more baked dough products.

18. A method of preparing baked dough products which comprises:  
combining flour, water and the baker's yeast obtained by the method of claim 1 to provide a dough composition; and  
baking the dough composition to provide one or more baked dough products.